

Amendments to the Claims:

This listing of claims will replace all prior listings of claims in the application.

Listing Of Claims:

Claim 1 (currently amended): A portable tunneling storage and processing apparatus, comprising:

(a) a conduit for external communications configured to enable the transmission of a plurality of instructions between the portable apparatus and a terminal comprising a terminal processor, a first input component, a first output component comprising a display device, and a network interface, wherein the conduit for external communications comprises a universal serial bus conduit;

(b) a processor; and

(c) a memory configured to communicate with the processor, wherein the memory contains has a unique apparatus identifier, wherein the memory contains user-verifying information; and a plurality of processing instructions stored thereon, including:

~~a processor disposed in communication with the memory, and configured to issue a plurality of processing instructions stored in the memory;~~

~~wherein the processing instructions issue signals to:~~

~~provide a terminal with access to the memory;~~

~~execute processing instructions from the memory to provide the portable tunneling storage and processing apparatus with access to the terminal, wherein the terminal acts as a proxy to the portable tunneling storage and processing apparatus for the terminal's input and output peripheral devices, and wherein the terminal acts as a network interface proxy to the portable tunneling storage and processing apparatus, and wherein the processing instructions are executed on the terminal;~~

(1) a first set of processing instructions, which when executed by the terminal processor, enables the first input component to interface with the portable apparatus through an

interactive user interface presented on the terminal display device and provides the portable apparatus with access to the terminal network interface; and

(2) at least one processing instruction, which when executed by the portable apparatus processor, causes the portable apparatus processor to:

(i) process execute a second set of processing instructions, wherein the processing instructions are stored in on the memory, wherein the processing instructions are used to issue signals to process processing instruction on the processor; and

encrypt data stored in the memory based on the apparatus identifier and the user verifying information;

(ii) effect the display of processing activity on the terminal display device;

~~a conduit for external communications disposed in communication with the processor, configured to issue a plurality of communication instructions as provided by the processor, configured to issue the communication instructions as signals to engage in communications with other devices having compatible conduits, and configured to receive signals issued from the compatible conduits, wherein the conduits are USB conduits,~~

wherein the portable apparatus is configured communication instructions issue signals to[[:]] communicate with the terminal[[:]] and to communicate through the terminal network interface with a server; device.

wherein the communication instruction issued signals are encrypted, wherein the encryption occurs on the processor,

wherein received encrypted instruction signals are decrypted, and wherein the decryption occurs on the processor.

Claim 2 (currently amended): A portable tunneling storage and processing apparatus, comprising:

(a) a conduit for external communications configured to enable the transmission of a plurality of instructions between the portable apparatus and a terminal comprising a terminal processor, a first input component, a first output component and a network interface;

(b) a processor; and

(c) a memory configured to communicate with the processor, wherein the memory contains a unique apparatus identifier; has a plurality of processing instructions stored thereon, including:

~~a processor disposed in communication with the memory, and configured to issue a plurality of processing instructions stored in the memory;~~

~~wherein processing instructions issue signals to:~~

~~provide a terminal access to the memory;~~

(1) a first set of processing instructions, which when executed by the terminal processor, enables the first input component to interface with the portable apparatus through an interactive user interface presented on the first output component; and

(2) at least one processing instruction, which when executed by the portable apparatus processor, causes a second set of process processing instructions to be executed, wherein effect the display of processing activity of the second set of processing instructions is presented on the terminal first output component;

~~a conduit for external communications disposed in communication with the processor, configured to issue a plurality of communication instructions as provided by the processor, configured to issue the communication instructions as signals to engage in communications with other devices having compatible conduits, and configured to receive signals issued from the compatible conduits;~~

wherein the portable apparatus is configured ~~communication instructions issue signals to~~ to~~[:]]~~ communicate with the terminal and to communicate with a device configured to communicate with the terminal.

Claim 3 (currently amended): The apparatus of claim 2, wherein the memory contains a unique apparatus identifier is comprising a digital signature.

Claim 4 (currently amended): The apparatus of claim 2, wherein the memory contains a unique apparatus identifier and user verifying information.

Claim 5 (currently amended): The apparatus of claim 4, wherein the user verifying information is comprises a digital signature.

Claim 6 (currently amended): The apparatus of claim 4, wherein the user verifying information is comprises a username and password.

Claim 7 (currently amended): The apparatus of claim 6 4, wherein the ~~processing instructions issue signals to encrypt~~ plurality of processing instructions stored on the memory includes at least one processing instruction, which when executed by the portable apparatus processor, causes the encryption of data stored on the memory based on the unique apparatus identifier and user verifying information.

Claim 8 (currently amended): The apparatus of claim 2, wherein the second set of processing instructions is stored on the terminal ~~issue signals to execute processing instructions from the memory to access the terminal, wherein the processing instructions are executed on the terminal~~.

Claim 9 (canceled).

Claim 10 (currently amended): The apparatus of claim 2, wherein the second set of processing instructions are is stored on the memory.

Claim 11 (currently amended): The apparatus of claim 2, wherein the second set of processing instructions are is obtained from a server configured to communicate with the terminal through the network interface.

Claim 12 (currently amended): The apparatus of claim 2, wherein the second set of processing instructions are processed on is executed by the portable apparatus processor.

Claim 13 (currently amended): The apparatus of claim 12, wherein the second set of processing instructions are processed on the processor is configured to process files for printing.

Claim 14 (currently amended): The apparatus of claim 2, wherein the second set of processing instructions are processed on is executed by the terminal processor.

Claim 15 (currently amended): The apparatus of claim 2, wherein the second set of processing instructions are processed on the is executed by a server configured to communicate with the terminal through the network interface.

Claim 16 (canceled).

Claim 17 (currently amended): The apparatus of claim 2, wherein the terminal comprises a video screen output component and the presentation display of processing activity ~~occurs on the terminal~~ comprises a visual display device on the video screen.

Claim 18 (currently amended): The apparatus of claim 2 ~~17~~, wherein the terminal further comprises a video memory and the display of processing activity occurs directly in on the terminal's video memory.

Claim 19 (currently amended): The apparatus of claim 2, wherein the ~~conduits are USB conduits~~ conduit for external communications comprises a universal serial bus conduit.

Claim 20 (currently amended): The apparatus of claim 2, wherein the ~~conduits are~~ conduit for external communications comprises a wireless conduits conduit.

Claim 21 (currently amended): The apparatus of claim 20, wherein the wireless ~~conduits~~ are conduit is Bluetooth.

Claim 22 (currently amended): The apparatus of claim 20, wherein the wireless ~~conduits~~ are conduit is WiFi.

Claim 23 (currently amended): The apparatus of claim 2, wherein the device comprises a server and the portable apparatus is configured to issue communication instructions ~~issue signals through the terminal network interface~~ to communicate with [[a]] the server .

Claim 24 (currently amended): The apparatus of claim 23, wherein the instructions ~~communication instruction issued signals~~ are encrypted.

Claim 25 (currently amended): The apparatus of claim 24, wherein the ~~encryption occurs on the processor~~ portable apparatus is configured to encrypt the instructions.

Claim 26 (currently amended): The apparatus of claim 24, wherein the ~~encryption occurs on the terminal~~ is configured to encrypt the instructions.

Claim 27 (currently amended): The apparatus of claim 24 23, wherein ~~the encryption occurs on the server~~ is configured to issue encrypted instructions to communicate with the portable apparatus.

Claim 28 (currently amended): The apparatus of claim 23, wherein the portable apparatus is configured to decrypt received encrypted ~~instruction signals are decrypted~~ instructions.

Claim 29 (currently amended): The apparatus of claim 28 27, wherein ~~the decryption occurs on the portable apparatus~~ processor is configured to decrypt encrypted instructions issued by the server.

Claim 30 (currently amended): The apparatus of claim 28 27, wherein ~~the decryption occurs on the terminal~~ is configured to decrypt encrypted instructions issued by the server.

Claim 31 (currently amended): The apparatus of claim 28 ~~24~~, wherein ~~the decryption occurs on the server~~ is configured to decrypt encrypted instructions.

Claim 32 (currently amended): A method of accessing data, comprising:

engaging a portable storage device in communication with a terminal, wherein the portable storage device has comprises a memory having a plurality of processing instructions stored thereon, a processor configured to communicate with the memory, wherein the portable storage device ~~connects to the terminal across compatible conduits~~ and a conduit for external communications, wherein ~~the portable storage device has a memory~~, wherein the memory and a storage conduit are disposed ~~in communication with the processor~~ and wherein the terminal comprises a terminal processor, a first input component, a first output component comprising a display device, and a network interface;

~~providing the memory for access on the terminal, wherein the memory is mounted on the terminal;~~

~~executing a first set of processing instructions from the memory to access the terminal enable the first input component to interface with the portable storage device through an interactive user interface presented on the terminal display device and to provide the portable storage device with access to the terminal network interface, wherein the first set of processing instructions are~~ is executed on by the terminal processor;

~~transmitting a plurality of instructions between the portable storage device and the terminal communicating through the conduit for external communications; at the terminal, wherein the portable storage device has access to the terminal such that the terminal acts as a proxy to the portable storage device for the terminal's input and output peripheral devices, and acts as a network interface proxy to the portable storage device, wherein communication instruction~~

~~transmitting a plurality of instructions between the portable storage device and a device configured to communicate with the terminal network interface, wherein the instructions issued signals by the portable storage device are encrypted, wherein the encryption occurs on the~~

~~processor portable storage device, and wherein received encrypted instruction signals~~
~~instructions received by the portable storage device are decrypted, wherein the decryption occurs~~
~~on the processor portable storage device;~~

~~executing at least one processing instruction on the portable storage device processor to~~
~~cause the portable storage device processor to execute a second set of processing instructions on~~
~~the processor, wherein the second set of processing instructions are is stored on the memory,~~
~~wherein the processing instructions are used to issue signals to process processing instruction on~~
~~the processor; and~~

~~effecting the display of processing activity on the terminal display device.~~

Claim 33 (currently amended): A method of accessing data, comprising:

~~disposing a portable storage device in communication with a terminal, wherein the~~
~~portable storage device has comprises a memory having a plurality of processing instructions~~
~~stored thereon, a processor configured to communicate with the memory, wherein the portable~~
~~storage device connects to the terminal across compatible conduits and a conduit for external~~
~~communications, wherein the portable storage device has a memory, wherein the memory and a~~
~~storage conduit are disposed in communication with the processor and wherein the terminal~~
~~comprises a terminal processor, a first input component, a first output component and a network~~
~~interface;~~

~~providing the memory for access on the terminal;~~

~~executing a first set of processing instructions from the memory to access the terminal~~
~~enable the first input component to interface with the portable storage device through an~~
~~interactive user interface presented on the first output component, wherein the first set of~~
~~processing instructions are is executed on the terminal processor;~~

~~transmitting a plurality of instructions between the portable storage device and the~~
~~terminal communicating through the conduits connecting conduit for external communications~~
~~the portable storage device to the terminal;~~

executing a at least one processing instructions on the portable storage device processor to cause a second set of processing processing instructions to be executed; and

effecting the display of the processing activity of the second set of processing instructions on the first output component.

Claim 34 (currently amended): The method of claim 33, wherein the ~~eonduits connecting the portable storage device to the terminal are USB eonduits~~ conduit for external communications comprises a universal serial bus conduit.

Claim 35 (currently amended): The method of claim 33, wherein the ~~eonduits connecting the portable storage device to the terminal are~~ conduit for external communications comprises a wireless eonduits conduit.

Claim 36 (currently amended): The method of claim 35, wherein the wireless ~~eonduits are~~ conduit is Bluetooth.

Claim 37 (currently amended): The method of claim 35, wherein the wireless ~~eonduits are~~ conduit is WiFi.

Claim 38 (currently amended): The method of claim 33, ~~wherein~~ further comprising mounting the memory is mounted at on the terminal.

Claim 39 (canceled).

Claim 40 (canceled).

Claim 41 (currently amended): The method of claim 39 ~~33~~, wherein the first set of processing instructions, when executed by the terminal processor, acts as a provides the portable storage device with access to the network interface proxy to the portable storage device.

Claim 42 (currently amended): The method of claim 33, wherein ~~the communications through the conduit connecting~~ instructions issued by the portable storage device to the terminal are encrypted.

Claim 43 (currently amended): The method of claim 42, wherein the encryption occurs on the ~~processor~~ portable storage device.

Claim 44 (currently amended): The method of claim 43, wherein the encryption occurs on the portable storage device processor by executing ~~communication~~ processing instructions from the memory.

Claim 45 (original): The method of claim 42, wherein the encryption occurs on the terminal.

Claim 46 (currently amended): The method of claim ~~42~~ 41, wherein the ~~encryption occurs on a device~~ comprises a server configured to issue encrypted instructions to communicate with the portable storage device.

Claim 47 (currently amended): The method of claim ~~33~~ 46, wherein ~~received encrypted instruction signals~~ instructions issued by the server are decrypted on the portable storage device.

Claim 48 (currently amended): The method of claim 47, wherein the decryption occurs on the portable storage device processor.

Claim 49 (currently amended): The method of claim 48, wherein the decryption occurs on the portable storage device processor by executing ~~communication~~ processing instructions from the memory.

Claim 50 (currently amended): The method of claim ~~47~~ 46, wherein ~~the decryption occurs encrypted instructions issued by the server are decrypted~~ on the terminal.

Claim 51 (currently amended): The method of claim ~~47~~ 41, wherein the ~~decryption occurs on a server~~ device comprises a server configured to decrypt encrypted instructions issued by the portable storage device.

Claim 52 (currently amended): The method of claim 33, wherein the second set of processing instructions are is stored in on the memory.

Claim 53 (currently amended): The method of claim 33, wherein the ~~processing of~~ second set of processing instructions occurs on is executed by the portable storage device processor.

Claim 54 (currently amended): The method of claim 33, wherein the ~~processing of~~ second set of processing instructions occurs on is executed by the terminal processor.

Claim 55 (currently amended): The method of claim 33, wherein the ~~processing of~~ second set of processing instructions occurs on is executed by a server.

Claim 56 (currently amended): The method of claim 33, wherein the second set of processing instructions, when executed, causes ~~are used to issue signals to process processing instruction on~~ the portable storage device processor to execute a third set of processing instructions.

Claim 57 (currently amended): The method of claim ~~55~~ 53, wherein the second set of processing instructions are used to issue signals to process processing instruction on the processor is configured to process files for printing.

Claim 58 (canceled).

Claim 59 (currently amended): The method of claim 33, wherein the terminal further comprises a video screen output component and wherein the presentation of processing activity comprises a visual display occurs on the terminal video screen.

Claim 60 (currently amended): The method of claim 59 wherein the terminal further comprises a video memory and wherein the display of processing activity occurs directly on the terminal video memory.

Claim 61 (currently amended): A system to access data, comprising:

means to engage a portable storage device in communication with a terminal, wherein the portable storage device ~~has~~ comprises a memory containing a plurality of processing instructions, a processor configured to communicate with the memory, wherein the portable storage device connects to the terminal across compatible conduits and a conduit for external

communications, wherein the portable storage device has a memory, wherein the memory and a storage conduit are disposed in communication with the processor and wherein the terminal comprises a terminal processor, a first input component, a first output component comprising a display device, and a network interface;

means to provide the memory with access to the terminal, wherein the memory is mounted on the terminal;

means to execute a first set of processing instructions from the memory to access the terminal enable the first input component to interface with the portable storage device through an interactive user interface presented on the first output component and provide the portable storage device with access to the network interface, wherein the first set of processing instructions are executed by the terminal processor;

means to communicate transmit a plurality of instructions between the portable storage device and the terminal through the conduit for external communications at the terminal, wherein the terminal acts as a proxy to the portable storage device for the terminal's input and output peripheral devices, and acts as a network interface proxy to the portable storage device;

means to transmit a plurality of instructions between the portable storage device and a device configured to communicate with the terminal network interface, wherein instructions communication instruction issued signals by the portable storage device are encrypted, wherein the encryption occurs on the processor portable storage device, and wherein received encrypted instruction signals instructions received by the portable storage device are decrypted, wherein the decryption occurs on the processor portable storage device;

means to execute a second set of processing instructions on the portable storage device processor, wherein the second set of processing instructions are stored on the memory, wherein the processing instructions are used to issue signals to process processing instruction on the processor; and

means to effect the display of processing activity on the terminal display device.

Claim 62 (currently amended): A system to access data, comprising:

means to dispose a portable storage device in communication with a terminal, wherein the portable storage device has comprises a memory containing a plurality of processing instructions, a processor configured to communicate with the memory, wherein the portable storage device connects to the terminal across compatible conduits and a conduit for external communications, ~~wherein the portable storage device has a memory, wherein the memory and a storage conduit are disposed in communication with the processor and wherein the terminal~~ comprises a terminal processor, a first input component and a first output component;

~~means to provide the memory for access on the terminal;~~

means to execute a first set of processing instructions from the memory to access the terminal enable the first input component to interface with the portable storage device through an interactive user interface presented on the first output component, wherein the first set of processing instructions are is executed on the terminal processor;

means to ~~communicate~~ transmit a plurality of instructions between the portable storage device and the terminal through the ~~conduits connecting conduit~~ conduit for external communications the portable storage device to the terminal;

means to ~~process~~ execute a second set of processing instructions; and

means to effect the display of the processing activity of the second set of processing instructions on the first output component.

Claim 63 (currently amended): ~~A computer readable medium readable having a plurality of processing instructions stored thereon, including a first set of processing instructions, which when executed by a computer system comprising a portable device having a processor and a terminal having a processor, to access data, comprising~~ cause the computer system to:

~~instruction signals in the processor readable medium, wherein the instruction signals are issuable by the processor to:~~

~~engage a portable storage device with a terminal;~~

~~wherein the portable storage device has a processor;~~

~~wherein the portable storage device connects to the terminal across compatible conduits for external communications, wherein the portable storage device has a memory, wherein the memory and a storage conduit are disposed in communication with the processor;~~

~~provide the memory for access on the terminal, wherein the memory is mounted on the terminal;~~

~~present an interactive user interface on an output component of the terminal;~~

~~provide the portable device with access of a network interface of the terminal;~~

~~enable an input component of the terminal to interface with the portable device through the interactive user interface, wherein the input component causes the portable device processor to execute a second set of processing instructions from the memory to access the terminal computer readable medium to cause the portable device to transmit instructions through the terminal network interface to communicate with a data storage device, wherein the processing instructions are executed on the terminal; and~~

~~communicate through the conduit at the terminal;~~

~~wherein the terminal acts as a proxy to the portable storage device for the terminal's input and output peripheral devices, and acts as a network interface proxy to the portable storage device;~~

~~wherein communication instruction issued signals are encrypted;~~

~~wherein the encryption occurs on the processor;~~

~~wherein received encrypted instruction signals are decrypted;~~

~~wherein the decryption occurs on the processor;~~

~~execute processing instructions on the processor, wherein the processing instructions are stored on the memory;~~

~~wherein the processing instructions are used to issue signals to process processing instruction on the processor; and~~

~~means to effect the display of processing activity on the terminal~~ output component.

Claim 64 (canceled).

Claim 65 (canceled).

Claim 66 (canceled).

Claim 67 (currently amended): A method of accessing data, comprising:

enabling a terminal input component to interface with a portable device processor through an interactive user interface presented on a terminal output component, wherein the interactive user interface comprises a first interface element representing an activity request for the portable storage device processor, which when actuated by the first input component issues an activity request to the portable device processor;

presenting the interactive user interface on the first output component;

receiving requests activity requests from [[a]] the terminal input component; and [[,]]

~~wherein a portable storage device is disposed in communication with the terminal;~~

~~wherein the portable storage device has a processor;~~

~~wherein the portable storage device connects to the terminal across compatible conduits for external communications, wherein the portable storage device has a memory; wherein the memory and a storage conduit are disposed in communication with the processor; wherein the portable storage device is responsible for generating the received requests;~~

providing responses responding to the portable storage device's requests activity requests.

Claim 68 (canceled).

Claim 69 (canceled).

Claim 70 (currently amended): The ~~apparatus~~ method of claim 32, wherein the ~~conduits connecting the portable storage device to the terminal are USB conduits~~ conduit for external communications comprises a universal serial bus conduit.

Claim 71 (currently amended): The ~~apparatus~~ method of claim 32, wherein the ~~conduits~~ connecting the portable storage device to the terminal ~~are~~ conduit for external communications comprises a wireless conduits conduit.

Claim 72 (currently amended): The ~~apparatus~~ method of claim 71, wherein the wireless ~~conduits are~~ conduit is Bluetooth.

Claim 73 (currently amended): The ~~apparatus~~ method of claim 71, wherein the wireless ~~conduits are~~ conduit is WiFi.

Claim 74 (new): The apparatus of claim 1, wherein the second set of processing instructions, when executed on the portable apparatus processor, presents the interactive user interface on the first output component.

Claim 75 (new): The apparatus of claim 1, wherein the second set of processing instructions, when executed by the portable apparatus processor, causes the encryption of data stored on the memory.

Claim 76 (new): The apparatus of claim 75, wherein the data stored on the memory is encrypted based on the unique apparatus identifier.

Claim 77 (new): The apparatus of claim 1, wherein the device comprises a data storage system and the portable apparatus is configured to encrypt instructions issued to the data system and decrypt encrypted instructions received from the data storage system.

Claim 78 (new): A portable apparatus, comprising:

(a) a conduit for external communications configured to enable the transmission of a plurality of instructions between the portable apparatus and a terminal comprising a terminal processor, a first input component, a first output component and a network interface;

(b) a processor; and

(c) a memory configured to communicate with the processor, wherein the memory has a plurality of processing instructions stored thereon, including a first set of processing

instructions, which when executed, (i) presents an interactive user interface on the first output component, (ii) enables the first input component to interface with the portable apparatus through the interactive user interface, and (iii) provides the portable apparatus with access to the terminal network interface.

Claim 79 (new): The portable apparatus of claim 78, wherein the portable apparatus is configured to provide the terminal with access to the first set of processing instructions.

Claim 80 (new): The portable apparatus of claim 79, wherein the memory contains a processing instruction, which when executed by the processor, provides the terminal with access to the first set of processing instructions.

Claim 81 (new): The portable apparatus of claim 79, wherein the portable apparatus is configured to transmit the first set of processing instructions to the terminal.

Claim 82 (new): The portable apparatus of claim 79, wherein the portable apparatus is configured to enable the first set of processing instructions to be loaded onto the terminal.

Claim 83 (new): The portable apparatus of claim 79, wherein the portable apparatus is configured to allow the terminal to download the first set of processing instructions from the memory.

Claim 84 (new): The portable apparatus of claim 78, wherein the portable apparatus is configured to cause the terminal processor to execute the first set of processing instructions.

Claim 85 (new): The portable apparatus of claim 84, wherein the memory contains a processing instruction, which when executed by the processor, causes the terminal processor to execute the first set of processing instructions.

Claim 86 (new): The portable apparatus of claim 78, wherein the portable apparatus processor is configured to execute the first set of processing instructions.

Claim 87 (new): The portable apparatus of claim 78, wherein the first set of processing instructions comprises a first subset of processing instructions and a second subset of processing instructions.

Claim 88 (new): The portable apparatus of claim 87, wherein the portable apparatus is configured to provide the portable apparatus processor with access to the first subset of processing instructions and to provide the terminal with access to the second subset of processing instructions.

Claim 89 (new): The portable apparatus of claim 78, wherein the first output component comprises a display device and the interactive user interface comprises a graphic user interface presented on the display device.

Claim 90 (new): The portable apparatus of claim 89, wherein the graphic user interface comprises a first interface element representing an activity to be performed by the portable apparatus, which when actuated by the first input component, transmits an instruction to the portable apparatus.

Claim 91 (new): The portable apparatus of claim 90, wherein the activity represented by the first interface element comprises executing a second set of processing instructions on the portable apparatus processor.

Claim 92 (new): The portable apparatus of claim 91, wherein the second set of processing instructions is stored on the portable apparatus memory.

Claim 93 (new): The portable apparatus of claim 91, wherein the second set of processing instructions, when executed by the portable apparatus processor, causes the portable apparatus to transmit an instruction to a device configured to communicate with the terminal.

Claim 94 (new): The portable apparatus of claim 89, wherein the graphic user interface comprises a plurality of interface elements representing different activities to be performed by the portable apparatus.

Claim 95 (new): The portable apparatus of claim 78, wherein the first output component is an audio output component and the interactive user interface is an audio user interface presented by the audio output component.

Claim 96 (new): The portable apparatus of claim 78, wherein the terminal is selected from the group consisting of a personal computer, a laptop computer, a personal digital assistant, a smart phone, and similar devices.

Claim 97 (new): The portable apparatus of claim 78, wherein the portable apparatus is configured to issue instructions to communicate through the network interface with a data storage system.

Claim 98 (new): The portable apparatus of claim 97, wherein the data storage system comprises a redundant array of independent disks.

Claim 99 (new): The portable apparatus of claim 78, wherein the portable apparatus is configured to issue instructions to communicate through the network interface with a device selected from the group consisting of a server, a printer, a copier, and similar devices.

Claim 100 (new): The portable apparatus of claim 78, wherein the terminal network interface is configured to communicate with a server, and wherein the first set of processing instructions, when executed, enables the first input component to interface with the server through the interactive user interface presented on the first output component.

Claim 101 (new): The portable apparatus of claim 100, wherein the server comprises a memory having a plurality of processing instructions stored thereon and a server processor configured to communicate with the server memory, and wherein the first output component is a display device and the interactive user interface is a graphic user interface presented on the display device.

Claim 102 (new): The portable apparatus of claim 101, wherein the graphic user interface comprises a first interface element representing an activity option for the server, which when actuated by the first input component is configured to cause an instruction to be transmitted through terminal network interface to the server.

Claim 103 (new): The portable apparatus of claim 102, wherein the activity option represented by the first interface element comprises executing a second set of processing instructions on the server processor.

Claim 104 (new): The portable apparatus of claim 103, wherein the second set of processing instructions is stored on the server memory.

Claim 105 (new): The apparatus of claim 104, wherein the server is configured to issue an instruction to the terminal, the portable apparatus or a device configured to communicate with the terminal in connection with the execution of the second set of processing instructions.

Claim 106 (new): The apparatus of claim 78, wherein the conduit for external communications is a universal serial bus conduit.

Claim 107 (new): The apparatus of claim 78, wherein the conduit for external communications is a wireless conduit.

Claim 108 (new): The apparatus of claim 105, wherein the wireless conduit is Bluetooth.

Claim 109 (new): The apparatus of claim 105, wherein the wireless conduit is WiFi.

Claim 110 (new): A portable apparatus, comprising:

(a) a conduit for external communications configured to enable the transmission of a plurality of instructions between the portable apparatus and a terminal comprising a terminal processor, a first input component, a first output component and a network interface;

(b) a processor; and

(c) a memory comprising a random access memory (RAM) configured to communicate with the processor and a read only memory (ROM), wherein the memory has a plurality of processing instructions stored thereon, including a first set of processing instructions, which when executed, (i) presents an interactive user interface on the first output component, (ii) enables the first input component to interface with the portable apparatus through the interactive user interface, and (iii) provides the portable apparatus with access to the terminal network interface.

Claim 111 (new): The portable apparatus of claim 110, wherein the first set of processing instructions comprises a first subset of processing instructions stored on the random access memory for execution by the portable apparatus processor and a second subset of processing instructions stored on the read only memory for execution by the terminal processor.

Claim 112 (new): The portable apparatus of claim 111, wherein the read only memory has an autorun file stored thereon, which when detected by the terminal, causes the terminal processor to install the second subset of processing instructions on the terminal.

Claim 113 (new): The portable apparatus of claim 110, wherein the random access memory is flash memory.

Claim 114 (new): A portable apparatus, comprising:

- (a) a memory containing a plurality of processing instructions;
- (b) a processor configured to communicate with the memory; and
- (c) a conduit for external communications configured to enable the transmission of instructions between the portable apparatus and a terminal having a terminal processor, a first input component, a first output component and a network interface, wherein the portable apparatus is configured to provide the terminal with access to a first set of processing instructions, which when executed by the terminal processor, enables the first input component to interface with the portable apparatus through an interactive user interface presented on the first output component.

Claim 115 (new): The portable apparatus of claim 114, wherein the first set of processing instructions is stored on the portable apparatus memory.

Claim 116 (new): The portable apparatus of claim 115, wherein the portable apparatus is configured to transmit the first set of processing instructions to the terminal.

Claim 117 (new): The portable apparatus of claim 115, wherein the portable apparatus is configured to enable the terminal to retrieve the first set of processing instructions from the portable apparatus memory.

Claim 118 (new): The portable apparatus of claim 117, wherein the memory contains a second set of processing instructions, which when executed by the portable apparatus processor, enables the terminal to retrieve the first set of processing instructions.

Claim 119 (new): The portable apparatus of claim 114, wherein the memory has a second set of processing instructions stored thereon, which when executed by the portable apparatus processor, provides the terminal processor with to access the first set of processing instructions.

Claim 120 (new): The portable apparatus of claim 119, wherein the first set of processing instructions is stored on the portable apparatus memory.

Claim 121 (new): The portable apparatus of claim 114, wherein the portable apparatus is configured to enable the first set of processing instructions to be loaded onto the terminal.

Claim 122 (new): The portable apparatus of claim 121, wherein the first set of processing instructions is stored on the portable apparatus memory.

Claim 123 (new): The portable apparatus of claim 121, wherein the memory contains a second set of processing instructions, which when executed by the portable apparatus processor, causes the terminal processor to execute the first set of processing instructions.

Claim 124 (new): The portable apparatus of claim 121, wherein the memory contains a second set of processing instructions, which when executed by the portable apparatus processor, causes the first set of processing instructions to be loaded onto the terminal.

Claim 125 (new): The portable apparatus of claim 114, wherein the first output component comprises a display device and the interactive user interface comprises a graphic user interface presented on the display device.

Claim 126 (new): The portable apparatus of claim 125, wherein the graphic user interface comprises a first interface element representing an activity option for the portable apparatus, which when actuated by the first input component is configured to issue an instruction to the portable apparatus.

Claim 127 (new): The portable apparatus of claim 126, wherein the activity option represented by the first interface element comprises executing a second set of processing instructions on the portable apparatus processor.

Claim 128 (new): The portable apparatus of claim 127, wherein the second set of processing instructions is stored on the portable apparatus memory.

Claim 129 (new): The portable apparatus of claim 127, wherein the portable apparatus is configured to issue an instruction to the terminal or a device configured to communicate with the terminal in connection with the execution of the second set of processing instructions.

Claim 130 (new): The portable apparatus of claim 126, wherein the activity option represented by the first interface element comprises storing data on the portable apparatus memory.

Claim 131 (new): The portable apparatus of claim 126, wherein the activity option represented by the first interface element comprises accessing data stored on the portable memory.

Claim 132 (new): The portable apparatus of claim 125, wherein the graphic user interface comprises a plurality of interface elements representing different activity options for the portable apparatus.

Claim 133 (new): The portable apparatus of claim 132, wherein the plurality of interface elements comprise at least one of the group consisting of check boxes, cursors, menus, scrollers, windows and alpha numeric characters.

Claim 134 (new): The portable apparatus of claim 125, wherein the display device comprises a video screen.

Claim 135 (new): The portable apparatus of claim 125, wherein the display device comprises a touch screen.

Claim 136 (new): The portable apparatus of claim 125, wherein the first input component is selected from the group consisting of a mouse, a keyboard, a touchpad, a touch screen, a trackpad, a trackball, a pen, a joystick, a microphone, a camera, a card reader, a retina reader, a fingerprint reader and a scanner.

Claim 137 (new): The portable apparatus of claim 114, wherein the first output component is an audio output component and the interactive user interface is an audio user interface presented by the audio output component.

Claim 138 (new): The portable apparatus of claim 137, wherein the first input component is selected from the group consisting of a mouse, a keyboard, a touchpad, a touch screen, a trackpad, a trackball, a pen, a joystick, a microphone, a camera, a card reader, a retina reader, a fingerprint reader and a scanner.

Claim 139 (new): The portable apparatus of claim 114, wherein the terminal is selected from the group consisting of a personal computer, a laptop computer, a personal digital assistant, a smart phone, and similar devices.

Claim 140 (new): The portable apparatus of claim 114, wherein the terminal comprises a network interface and wherein the first set of processing instructions, when executed, provides the portable apparatus with access to the network interface.

Claim 141 (new): The portable apparatus of claim 140, wherein the portable apparatus is configured to issue instructions to communicate through the network interface with a data storage system.

Claim 142 (new): The portable apparatus of claim 141, wherein the data storage system comprises a redundant array of independent disks.

Claim 143 (new): The portable apparatus of claim 140, wherein the portable apparatus is configured to issue instructions to communicate through the network interface with a device selected from the group consisting of a server, a printer, a copier, and similar devices.

Claim 144 (new): The portable apparatus of claim 114, wherein the terminal comprises a network interface configured to communicate with a server, and wherein the first set of processing instructions, when executed, enables the first input component to interface with the server through the interactive user interface presented on the first output component.

Claim 145 (new): The portable apparatus of claim 144, wherein the server comprises a memory containing a plurality of processing instructions and a processor configured to communicate with the server memory, and wherein the first output component is a display device and the interactive user interface is a graphic user interface presented on the display device.

Claim 146 (new): The portable apparatus of claim 145, wherein the graphic user interface comprises a first interface element representing an activity option for the server, which when actuated by the first input component is configured to issue an instruction through terminal network interface to the server.

Claim 147 (new): The portable apparatus of claim 146, wherein the activity option represented by the first interface element comprises executing a second set of processing instructions on the server processor.

Claim 148 (new): The portable apparatus of claim 147, wherein the second set of processing instructions is stored on the server memory.

Claim 149 (new): The apparatus of claim 148, wherein the server is configured to issue an instruction to the terminal, the portable apparatus or a device configured to communicate with the terminal in connection with the execution of the second set of processing instructions.

Claim 150 (new): The apparatus of claim 146, wherein the activity option represented by the first interface element comprises storing data on the server memory.

Claim 151 (new): The apparatus of claim 146, wherein the activity option represented by the first interface element comprises accessing data stored on the server memory.

Claim 152 (new): The apparatus of claim 114, wherein the conduit for external communications is a universal serial bus conduit.

Claim 153 (new): The apparatus of claim 114, wherein the conduit for external communications is a wireless conduit.

Claim 154 (new): The apparatus of claim 153, wherein the wireless conduit is Bluetooth.

Claim 155 (new): The apparatus of claim 152, wherein the wireless conduit is WiFi.

Claim 156 (new): The apparatus of claim 114, wherein the terminal network interface is configured to communicate with a server comprising a processor and a memory and the first set of processing instructions is stored on the server memory, wherein at least one of the plurality of processing instructions stored on the portable apparatus memory, when executed by the portable device processor, causes the portable apparatus to transmit to the server an instruction which instructs the server to download the first set of processing instructions to the terminal.

Claim 157 (new): The apparatus of claim 156, wherein a unique apparatus identifier is stored on the portable apparatus memory and the instruction transmitted by the portable apparatus to the server is encoded with the unique apparatus identifier, wherein the server is configured to download the first set of processing instructions to the terminal upon verification of the unique apparatus identifier.

Claim 158 (new): A portable apparatus, comprising:

(a) a conduit for external communications configured to enable the transmission of a plurality of instructions between the portable apparatus and a terminal comprising a first input component and a first output component;

(b) a processor; and

(c) a memory configured to communicate with the processor, wherein the memory has a plurality of processing instructions stored thereon, including a first set of processing instructions, which when executed by the portable apparatus processor, enables the first input component to interface with the portable apparatus through an interactive user interface presented on the first output component.